

Title (en)

SAFETY SWITCH FOR WELL OPERATIONS

Title (de)

SICHERHEITSSCHALTER FÜR BOHRLOCHOPERATIONEN

Title (fr)

INTERRUPTEUR DE SÉCURITÉ POUR OPÉRATIONS EN PUIT

Publication

EP 2601664 A4 20141126 (EN)

Application

EP 11815156 A 20110802

Priority

- US 37034010 P 20100803
- US 2011046195 W 20110802

Abstract (en)

[origin: WO2012018763A1] A pressure controlled safety switch comprises an electrical switch disposed in a cavity of a mandrel. A bellows assembly is operably engaged with the electrical switch. The bellows assembly is in fluid communication with a fluid surrounding the mandrel such that a pressure in the fluid no less than a predetermined pressure causes the bellows to activate the electrical switch, and a pressure in the fluid less than the predetermined pressure causes the bellows to deactivate the electrical switch.

IPC 8 full level

H01H 35/32 (2006.01); **E21B 43/12** (2006.01)

CPC (source: EP US)

E21B 17/00 (2013.01 - US); **H01H 35/32** (2013.01 - EP US); **E21B 43/119** (2013.01 - EP US)

Citation (search report)

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- [Y] US 2002108747 A1 20020815 - DIETZ WESLEY P [US], et al
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- [A] WO 0165061 A1 20010907 - SHELL OIL CO [US], et al
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Designated contracting state (EPC)

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